

Figure 1 is a block diagram of a mobile communication system architecture. The diagram includes the following components and their interconnections:

- MSC (14)**: Mobile Switching Center, connected to **IP (20)** via interface **E**.
- IP (20)**: Intelligent Network, connected to **MSC (14)** via interface **T<sub>5</sub>** and to **SCP (22)** via interface **T<sub>2</sub>**.
- SCP (22)**: Service Control Point, connected to **IP (20)** via interface **T<sub>2</sub>** and to **HLR (23)** via interface **T<sub>2</sub>**.
- HLR (23)**: Home Location Register, connected to **SCP (22)** via interface **T<sub>2</sub>**, to **MSC (14)** via interface **T<sub>1</sub>**, to **VLR (24)** via interface **D**, and to **LIDB (26)**.
- MSC (12)**: Mobile Switching Center, connected to **IP (20)** via interface **T<sub>5</sub>**, to **PSTN (18)** via interface **A<sub>i</sub>**, to **HLR (23)** via interface **C**, and to **VLR (24)** via interface **B**.
- PSTN (18)**: Public Switched Telephone Network, connected to **MSC (12)** via interface **A<sub>i</sub>**.
- VLR (24)**: Visitor Location Register, connected to **HLR (23)** via interface **D** and to **MSC (12)** via interface **B**.
- LIDB (26)**: Local Information Database, connected to **HLR (23)**.

An arrow labeled **10** points towards the bottom left corner of the diagram.

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FIG. 2

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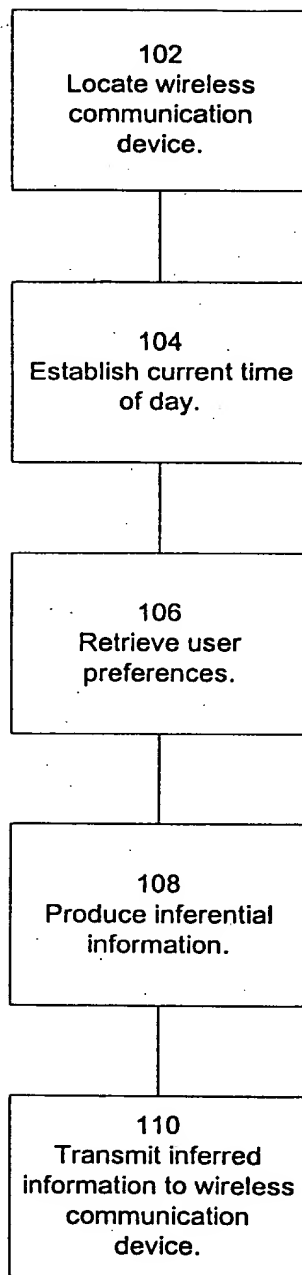


Fig. 3